

Curriculum Vitae
Phandee Watanaboonyongcharoen, M.D.

Personal Data

Work: Department of Laboratory Medicine, Faculty of Medicine, Chulalongkorn University
Transfusion Medicine Unit, King Chulalongkorn Memorial Hospital
Home: 1349 Sukumvit Rd, Prakanong-nua, Watana, Bangkok 10110
Phone number: 083-0660166
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Education

2015 Diploma of the Thai Board of Clinical Pathology
2015 Standard Course in Clinical Trials and GCP Training Program 2015
2009-2012 Postdoctoral Research Fellow, Transfusion Medicine Service, Department of Pathology and Laboratory Medicine, University of North Carolina at Chapel Hill
2008-2009 Visiting physician, Blood Bank, City of Hope
2007-2009 Master Degree of Science (Internal Medicine and Hematology)
Chulalongkorn University
2005-2007 Higher Graduate Diploma of Clinical Science (Hematology) and
Diploma of the Thai Board of Hematology, Chulalongkorn University
2004-2005 Diploma of Clinical Science (Internal Medicine), Chulalongkorn University
1996-2001 Doctor of Medicine, Chulalongkorn University

Professional experiences

2019 – present Associate Professor of Laboratory Medicine
4 Jun 2019- Present Investigator of RV398d/WRAIR 2166d “Safety and Virologic Effect of a Human Monoclonal Antibody, VRC-HIVMAB060-00-AB (VRC01), With Broad HIV-1 Neutralizing Activity, Administered Intravenously to Adults During Early Acute HIV Infection”
31 Jan 2019- Present Physician for leukapheresis in protocol Identification of Biomarkers to Predict Time to Plasma HIV RNA Rebound and Post-Treatment Viral Control during an Intensively Monitored Antiretroviral Pause (IMAP) and A5347s: Anatomic Reservoir Substudy of A5345 (Biomarkers to Predict HIV-1 Rebound During IMAP)
2018-present Director of Department of Laboratory Medicine, Faculty of Medicine, Chulalongkorn University
5-Jan2018- present Investigator for Leukapheresis, A5354 Effect of Antiretroviral Treatment Initiated During Acute HIV-1 Infection on Measures of HIV-1 Persistence and on HIV-1-Specific Immune Responses
2017-present Committee of Royal College of Pathologists of Thailand
2015-present Assistant Professor of Laboratory Medicine
2012-present Instructor, Transfusion Medicine Unit, King Chulalongkorn Memorial Hospital
Adjunct Faculty, Division of Hematology, Department of Medicine, Faculty of Medicine, Chulalongkorn University
Adjunct Faculty, Department of Laboratory Medicine, Faculty of Medicine, Chulalongkorn University
2007-2009 Instructor, Transfusion Medicine Unit, King Chulalongkorn Memorial Hospital
Adjunct Faculty, Division of Hematology, Department of Medicine, Faculty of Medicine, Chulalongkorn University
2003-2004 Internship, Department of Laboratory Medicine, Faculty of Medicine, Chulalongkorn University

2002-2003 Quality Committee of ISO15189 for Medical Laboratory, Department of Laboratory Medicine, King Chulalongkorn Memorial Hospital Internship, Ayuthaya Hospital

Professional Organization Memberships

The Thai Medical Council
 The Thai Society of Hematology
 The Thai Society of Clinical Pathology
 Royal College of Physicians of Thailand
 Royal College of Pathologists of Thailand

Grant award:

TraCS grant for research topic "Understanding the Role of Interferon-alpha in Thrombotic Thrombocytopenic Purpura" from North Carolina Translational and Clinical Sciences Institute, North Carolina, USA

Publications:

Articles

1. Charuruks N, Milintagas A, Watanaboonyongcharoen P, Kalayanachati A, Nuchprayoon S. Annual laboratory checkup: early signs of health problems in young and middle-age adults. *Southeast Asian J trop med Public Health* 2005;36(3):769-74
2. Charuruks N, Milintagas A, Watanaboonyongcharoen P, Ariyaboonsiri C. Determination of reference intervals of HbA1C (DCCT/NGSP) and HbA1C (IFCC) in adults. *J Med Assoc Thai* 2005;88:810-6
3. Rojnuckarin P, Watanaboonyongcharoen P, Akkawat B, Intragumtornchai T. The role of pulse dexamethasone in acquired idiopathic thrombotic thrombocytopenic purpura. *J Thromb Haemost.*2006;4(5):1148-50
4. Watanaboonyongcharoen P, Park YA, Poisson JL, Brecher ME. Rapid increases in parasitemia following red cell exchange for malaria. *J Clin Apher.* 2011 Dec;26(6):315-9. doi: 10.1002/jca.20309. Epub 2011 Oct 2.
5. Watanaboonyongcharoen P, Park YA, Poisson JL, Brecher ME. Rapid increase in parasitemia following red cell exchange for malaria. *J Clin Apher.* 2011 Dec;26(6):367. doi: 10.1002/jca.20319. Epub 2011 Nov 11.
6. Watanaboonyongcharoen P, Nakorn TN, Rojnuckarin P, Lawasut P, Intragumtornchai T. Prevalence of monoclonal gammopathy of undetermined significance in Thailand. *Int J Hematol.* 2012 Feb;95(2):176-81. doi: 10.1007/s12185-011-0995-4. Epub 2012 Jan 12.
7. Watanaboonyongcharoen P, Park YA, Brecher ME. Transfusion medicine illustrated: The original Leukotrap. *Transfusion.* 2013 May;53(5):930.
8. Cutler C, Kim HT, Bindra B, Sarantopoulos S, Ho VT, Chen YB, Rosenblatt J, McDonough S, Watanaboonyongcharoen P, Armand P, Koreth J, Glotzbecker B, Alyea E, Blazar BR, Soiffer RJ, Ritz J, Antin JH. Rituximab prophylaxis prevents corticosteroid-requiring chronic GVHD after allogeneic peripheral blood stem cell transplantation: results of a phase 2 trial. *Blood.* 2013 Aug 22;122(8):1510-7.
9. Watanaboonyongcharoen P, Whinna, HC, Park YA. Interferon- α is not Elevated in Idiopathic Thrombotic Thrombocytopenic Purpura Patients. *J Clin Apher.* 2014 Dec;29(6):336-8
10. Townamchai N, Watanaboonyongcharoen P, Chanchaoenthana W, Avihingsanon Y. A case of nearly mistaken AB para-Bombay blood group donor transplanted to a group 'O' recipient. *BMJ Case Rep.* 2014 Oct 31;2014
11. Holtan SG, Khera N, Levine JE, Chai X, Storer B, Liu HD, Inamoto Y, Chen GL, Mayer S, Arora M, Palmer J, Flowers ME, Cutler CS, Lukez A, Arai S, Lazaryan A, Newell LF, Krupski C, Jagasia MH, Pusic I, Wood W, Renteria AS, Yanik G, Hogan WJ, Hexner E, Ayuk F, Holler E, Watanaboonyongcharoen P, Efebera YA, Ferrara JL, Panoskaltsis-

- Mortari A, Weisdorf D, Lee SJ, Pidala J. Late acute graft versus host disease: a prospective analysis of clinical outcomes and circulating angiogenic factors. *Blood*. 2016 Sep 13. pii: blood-2015-09-669846
12. Watanaboonyongcharoen P, Apiwattanakul M, Santipong S, Jaipian J, Siriaksorn J, Rojnuckarin P. Safety and Efficacy of Thai Red Cross Albumin Replacement for Therapeutic Plasma Exchange. *J Med Assoc Thai*. 2018

Abstracts

- 1 Watanaboonyongcharoen P, Suwannabutra S, Theerasaksilp S, Paritpokee N, Na Nakorn T. Serum Free Light Chain Assay Can Predict Therapeutic Responses in Multiple Myeloma. Annual Meeting of the Thai Society of Hematology, 2007
- 2 Watanaboonyongcharoen P, Suwannabutra S, Theerasaksilp S, Paritpokee N, Na Nakorn T. The Roles of Serum Free Light Chain Assay in The Diagnosis and Therapeutic Monitoring in Multiple Myeloma: Experiences in Thai Patients. *Journal of Hematology and Transfusion Medicine* 2008;18(supplement):43 (Abstract# 43)
- 3 Na Nakorn T, Watanaboonyongcharoen P, Suwannabutra S, Theerasaksilp S, Paritpokee N. Early Reduction of Serum Free Light Chain Can Predict Therapeutic Responses in Multiple Myeloma. *Blood*, 2007;110(11):258B (Abstract# 4742)
- 4 Watanaboonyongcharoen P, Suwannabutra S, Theerasaksilp S, Paritpokee N, Na Nakorn T. The Impact of Serum Free Light Chain Assay on the Prognosis of Multiple Myeloma. Poster presentation at The XII International Myeloma Workshop in Washington, D.C. 2009 (Abstract# 420)
- 5 Watanaboonyongcharoen P, Na Nakorn T, Rojnuckarin P, Lawasut P, Intragumtornchai T. Prevalence and Risk Factors of Monoclonal Proteinemia in Thai Population. Poster presentation at the 2009 Annual Meeting of the American Society of Hematology in New Orleans, LA (Abstract# 1416)
- 6 Koenig SC, Watanaboonyongcharoen P, Ma L, Park YA, Afenyi-Annan AN. Evaluation of Stem Cell Calculator Used to Determine Optimal Blood Volume to Process in Collection of Peripheral Hematopoietic Progenitor Cells. Oral presentation at the American Society for Apheresis 2010 Annual Meeting in New Orleans, LA
- 7 Koenig SC, Watanaboonyongcharoen P, Park YA. Plasma Transfusion Practice for Patients with Mildly Elevated INR in a Tertiary Care Burn Unit. Poster presentation at the 2010 American Association of Blood Banks Annual Meeting in Baltimore, MD (Abstract# SP330)
- 8 Watanaboonyongcharoen P, Park YA, Gilligan P, Poisson JL, Brecher ME. Rapid Increases in Parasitemia following Red Cell Exchange for Malaria. *Journal of Clinical Apheresis*, 2011;26(2):76. Oral presentation at the American Society for Apheresis 2011 Annual Meeting in Scottsdale, AZ (Abstract# 30)
- 9 Watanaboonyongcharoen P, Fedoriw Y, Preston P, Wooten J, Chenxi L, Lin FC, Whinna HC, Sarantopoulos S, Park YA. High Levels of B Cell Activating Factor in Thrombotic Thrombocytopenic Purpura Patients. *Transfusion*, 2011;51 supplement:7A. Oral presentation at the 2011 American Association of Blood Banks Annual Meeting in San Diego, CA (Abstract# 1118421)
- 10 Watanaboonyongcharoen P, Brecher ME, Whinna HC, Park YA. Dynamic Thrombopoietin Levels In Thrombotic Thrombocytopenic Purpura. Oral presentation at the American Society for Apheresis 2012 Annual Meeting in Atlanta, GA (Abstract# 4)
- 11 Watanaboonyongcharoen P, Whinna HC, Park YA. The Role of Interferon- α in Thrombotic Thrombocytopenic Purpura. *Transfusion*, 2012;52 supplement:S3. Top poster honor from poster presentation at the 2012 American Association of Blood Banks Annual Meeting in Boston, MA (Abstract# SP190)
- 12 Watanaboonyongcharoen P, Brecher ME, Schultz EF, Hay SN, Park YA. Thrombotic Thrombocytopenic Purpura: Relationship of Infection and ADAMTS13. *Transfusion*, 2012;52 supplement:S3. Poster presentation at the 2012 American Association of Blood Banks Annual Meeting in Boston, MA (Abstract# SP192) # AABB Top poster abstract
- 13 Watanaboonyongcharoen P, Allen JL, Fedoriw YD, Whinna HC, Lu RP, Park YA, Sarantopoulos S. Antibody Against Macrophage Receptor with Collagenous Structure (Anti-MARCO IgG) in Thrombotic Thrombocytopenic Purpura Patients. Poster

- presentation at the 2012 Annual Meeting of the American Society of Hematology in Atlanta, GA (Abstract# 2201)
- 14 Watanaboonyongcharoen P, Kupatawin P, Kijrattanakul P, Rojnuckarin P. A Case Report of Fatal Transfusion-Related Acute Lung Injury Triggered by HLA Antibody from Male Donor. Poster presentation at the 2013 Annual Meeting of the Thai Red Cross in Bangkok, Thailand.
 - 15 Watanaboonyongcharoen P, Park YA. Characteristics of Pancreatitis-induced Thrombotic Thrombocytopenic Purpura. Poster presentation at the American Society for Apheresis 2013 Annual Meeting in Denver, CO (Abstract# 34)
 - 16 Watanaboonyongcharoen P, Pinyakorn S, Fletcher JLK, Sangtawan P, Tipsuk S, Santipong S, Chomchey N, Ananworanich J, Phanuphak N, Rojnuckarin P. Adverse Reactions of Leukapheresis for research in HIV-infected Patients. Poster presentation at the American Society for Apheresis 2015 Annual Meeting in San Antonio, Tx (Abstract# 48)
 - 17 Watanaboonyongcharoen P, Pruksa C, Onpuns S, Rojnuckarin P. Usefulness of Red Cell Genotyping for Thai Transfusion-dependent Thalassemia Patients. Poster presentation at the 25th Regional Congress of the International Society of Blood Transfusion in London, England (Abstract# 754)
 - 18 Watanaboonyongcharoen P, Onpuns S, Ritteeverakul P, Kongsangbut P, Rojnuckarin P. A Case Series of Intravenous Immunoglobulin-Associated Hemolysis. *Transfusion*, 2016;56 supplement:S4. Poster presentation at the 2016 American Association of Blood Banks Annual Meeting in Orlando, FL (Abstract# SP21) # AABB Top poster abstract
 - 19 Watanaboonyongcharoen P, Apiwattanakul M, Santipong S, Jaipian J, Siriaksorn J, Rojnuckarin P. Safety and Efficacy of Local Albumin Replacement for Therapeutic Plasma Exchange. *Transfusion* 2017;57 supplement S3. Poster presentation at the 2017 American Association of Blood Banks Annual Meeting in San Diego, CA (Abstract# CP85)
 - 20 Watanaboonyongcharoen P, Onpuns S, Siriaksorn J, Chongsrisawat V, Rojnuckarin P. A Case Report of Passenger Lymphocyte Syndrome Derived Anti-B Reactivity after Liver Transplantation. *Transfusion* 2017;57 supplement S3. Poster presentation at the 2017 American Association of Blood Banks Annual Meeting in San Diego, CA (Abstract# CP267)

Contributions to Text Books (Chapters)

- 1 Watanaboonyongcharoen P. Autoimmune hemolytic anemia. In Bunworasate U (ed). *Hematology in Clinical Practice*. Bangkok : Chulalongkorn University 2008, p38-55.
- 2 Watanaboonyongcharoen P, Intragumtornchai T. Anemia in Systemic diseases. In Bunworasate U (ed). *Hematology in Clinical Practice*. Bangkok : Chulalongkorn University 2008, p56-83.
- 3 Watanaboonyongcharoen P. Paroxysmal Nocturnal Hemoglobinuria. In Bunworasate U (ed). *Hematology in Clinical Practice*. Bangkok : Chulalongkorn University 2008, p100-16.
- 4 Watanaboonyongcharoen P, Bunworasate U. Hodgkin's Lymphoma. In Bunworasate U (ed). *Hematology in Clinical Practice*. Bangkok : Chulalongkorn University 2008, p298-302.
- 5 Watanaboonyongcharoen P. Glucose-6-Phosphate Dehydrogenase Deficiency. In Uaprasert N. and Bunworasate U (eds). *Essential Hematology for General Practitioners*. Bangkok : Chulalongkorn University 2009, p61-9.
- 6 Watanaboonyongcharoen P. Autoimmune hemolytic anemia. In Uaprasert N. and Bunworasate U (eds). *Essential Hematology for General Practitioners*. Bangkok : Chulalongkorn University 2009, p70-87.
- 7 Watanaboonyongcharoen P. Paroxysmal Nocturnal Hemoglobinuria. In Uaprasert N. and Bunworasate U (eds). *Essential Hematology for General Practitioners*. Bangkok : Chulalongkorn University 2009, p88-104.
- 8 Watanaboonyongcharoen P, Intragumtornchai T. Anemia in Systemic diseases. In Uaprasert N. and Bunworasate U (eds). *Essential Hematology for General Practitioners*. Bangkok : Chulalongkorn University 2009, p105-32.

- 9 Watanaboonyongcharoen P, Bunworasate U. Hodgkin's Lymphoma. In Uaprasert N. and Bunworasate U (eds). Essential Hematology for General Practitioners. Bangkok : Chulalongkorn University 2009, p330-4.
- 10 Watanaboonyongcharoen P, Rojnuckarin P. Transfusion Medicine. In Uaprasert N. and Bunworasate U (eds). Essential Hematology for General Practitioners. Bangkok : Chulalongkorn University 2009, p379-92.
- 11 Watanaboonyongcharoen P. Glucose-6-Phosphate Dehydrogenase Deficiency. In Ujjin P. (eds). Clinical Pathology. Bangkok : Chulalongkorn University 2009, p311-22.
- 12 Watanaboonyongcharoen P. Autoimmune hemolytic anemia. In Ujjin P. (eds). Clinical Pathology. Bangkok : Chulalongkorn University 2009, p323-37.
- 13 Watanaboonyongcharoen P. Direct Antiglobulin Test. In Ujjin P. (eds). Clinical Pathology. Bangkok : Chulalongkorn University 2009, p389-90.
- 14 Watanaboonyongcharoen P. Blood and Blood Component. In Ujjin P. (eds). Clinical Pathology. Bangkok : Chulalongkorn University 2009, p515-23.
- 15 Watanaboonyongcharoen P. Transfusion Reaction. In Ujjin P. (eds). Clinical Pathology. Bangkok : Chulalongkorn University 2009, p524-31.
- 16 Watanaboonyongcharoen P. Blood Testing for ABO Antigens. In Ujjin P. (eds). Clinical Pathology. Bangkok : Chulalongkorn University 2009, p532-4.
- 17 Watanaboonyongcharoen P. Compatibility Testing. In Ujjin P. (eds). Clinical Pathology. Bangkok : Chulalongkorn University 2009, p535-37.

Teaching Appointments

2007-Present	Lecture topic: Transfusion medicine (Integrated Medicine at Science course) for 5 th year Medical students
2007-2009	Lecture topic: Blood components and transfusion reactions for Internal Medicine residents
2007-Present	Lecture topic: Transfusion medicine for Hematology fellows
2007-2009	Advisor of Journal Club and Benign Hematology Conference for Internal medicine residents and Hematology fellows (Division of Hematology, Department of medicine)
2007-2009	Advisor of Hematology Ward Round, Grand Round and Outpatient Teaching for Internal medicine residents and Hematology fellows
2008-2009	Lecture topic: Blood transfusion in Surgical patients for Surgery residents
2012-Present	Transfusion Round for Internal medicine residents and Hematology fellows
2012-Present	Lecture topic: Blood transfusion for 1 st year residents

Committee and Administrative Responsibilities

2012-Present	Committee of the Blood bank, King Chulalongkorn Memorial Hospital
2013-Present	Review Editor of Journal of Hematology and Transfusion Medicine
2014	Abstract Committee of the American Society for Apheresis/World Apheresis Association 2014 Joint Conference Organizing Committee at San Francisco
2014	Abstract Committee of the 2014 Annual Meeting of the Thai National Blood Center
2015	Abstract Committee of the 2015 Annual Meeting of the Thai National Blood Center
2016	Abstract Committee of the 2016 Annual Meeting of the Thai National Blood Center
2017	Abstract Committee of the 2017 Annual Meeting of the Thai National Blood Center
2018	Abstract Committee of the 2018 Annual Meeting of the Thai National Blood Center
2019	Abstract Committee of the Regional Meeting of International Society of Blood Transfusion